

# TECH ALERT

Magnetics Division

## Help with Acronyms & Abbreviations

How often are you confused by the complex language of acronyms and abbreviations when reading an article in the technology section of a newspaper or talking with a customer in the data and telecommunication's industry? The following list will help increase your comprehension, whether it is for business or leisure:

<b>ACD</b>	Automatic Call Distributor	<b>DS0</b>	Digital Service, Level 0 (64 kbps)
<b>ADPCM</b>	Adaptive Differential Pulse Code Modulation	<b>DS1</b>	Digital Service, Level 1 (1.544 Mbps)
<b>ADSL</b>	Asymmetrical Digital Subscriber Line	<b>DS3</b>	Digital Service, Level 3 (44.736 Mbps)
<b>AMIS</b>	Audio Messaging Interchange Specification	<b>DSL</b>	Digital Subscriber Line
<b>ANI</b>	Automatic Number Identification	<b>DSLAM</b>	Digital Subscriber Line Access Multiplexer
<b>ANSI</b>	American National Standards Institute	<b>DSP</b>	Digital Signal Processing
<b>API</b>	Applications programming Interface	<b>DSU</b>	Digital Service Unit
<b>APPC/LU</b>	Advanced Peer-to-Peer Communications	<b>DTE</b>	Data Terminal Equipment
<b>ARS</b>	Automatic Route Selection	<b>DTMF</b>	Dual Tone Multi Frequency
<b>ASIC</b>	Application-Specific Integrated Circuit	<b>DWDM</b>	Dense Wavelength Division Multiplexing
<b>ATM</b>	Asynchronous Transfer Mode	<b>EDI</b>	Electronic Document Interchange
<b>BERT</b>	Bit Error Rate Test	<b>EFT</b>	Electronic Funds Transfer
<b>BISDN</b>	Broadband Integrated Service Digital Network	<b>ESF</b>	Extended Superframe Format
<b>bps</b>	Bits per Second	<b>FDDI</b>	Fiber Distributed Data Interface
<b>BRI</b>	Basic Rate Interface	<b>FED</b>	Forward Error Correction
<b>CAP</b>	Carrierless Amplitude Modulation	<b>FEP</b>	Front End Processor
<b>CAP</b>	Competitive Access Provider	<b>FTP</b>	File Transfer Protocol
<b>CATV</b>	Cable Television	<b>FX</b>	Foreign Exchange
<b>CCIS</b>	Common Channel Interoffice Signaling	<b>GOSIP</b>	Government Open System Interconnect Profile
<b>CDR</b>	Call Detail Recording	<b>HDLC</b>	High-Level Data Link Control
<b>CDSL</b>	Consumer Digital Subscriber Line	<b>HDTV</b>	High-Definition Television
<b>CIR</b>	Committed Information Rate	<b>HDSL</b>	High bit-rate Digital Subscriber Line
<b>CLEC</b>	Competitive Local Exchange Carrier	<b>HFC</b>	Hybrid Fiber-Coax
<b>CMIP</b>	Common Management Information Protocol	<b>HIPPI</b>	High-Performance Parallel Interface
<b>CMOT</b>	CMIP over TCP/IP	<b>HSSI</b>	High-Speed Serial Interface
<b>CO</b>	Central Office	<b>IETF</b>	Internet Engineering Task Force
<b>CPE</b>	Customer Premises Equipment	<b>ILEC</b>	Incumbent Local Exchange Carrier
<b>CRC</b>	Cyclic Redundancy Check	<b>IP</b>	Internet Protocol
<b>CSU</b>	Channel Service Unit	<b>IPX</b>	Integrated Packet Exchange
<b>CTI</b>	Computer Telephony Integration	<b>ISDN</b>	Integrated Services Digital Network
<b>DACS</b>	Digital Access and Cross-connect System	<b>ISO</b>	International Standards Organization
<b>DBMS</b>	Database Management System	<b>ISP</b>	Internet Service Provider
<b>DCE</b>	Data Communications Equipment	<b>ITU</b>	International Telecommunications Union
<b>DDS</b>	Digital Data Service	<b>IVR</b>	Integrated Voice Response
<b>DID</b>	Direct Inward Dialing	<b>IXC</b>	Interexchange Carrier
<b>DMT</b>	Discrete Multi-tone technology	<b>kbps</b>	Thousand Bits per Second
<b>DNIS</b>	Dialed Number Identification Service	<b>KTU</b>	Key Telephone Unit
<b>DOCSIS</b>	Data Over Cable Service Interface Specification	<b>LAN</b>	Local Area Network
<b>DQDB</b>	Distributed Queue Dual Bus	<b>LANE</b>	LAN Emulation

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<b>LAPB</b>	Link Access Procedure-Balanced	<b>PROM</b>	Programmable Read-Only Memory
<b>LAPD</b>	Link Access Procedure-D	<b>PCS</b>	Public Service Commission
<b>LATA</b>	Local Access and Transport Area	<b>PSTN</b>	Public Switched Telephone Network
<b>LCD</b>	Liquid Crystal Display	<b>PVC</b>	Permanent Virtual Circuit
<b>LEC</b>	Local Exchange Carrier	<b>QoS</b>	Quality of Service
<b>LMDS</b>	Media Access Control	<b>RAM</b>	Random Access Memory
<b>MAC</b>	Media Access Control	<b>RBOC</b>	Regional Bell Operating Company
<b>MAC</b>	Move, Add and Change	<b>RFP</b>	Request for Proposal
<b>MAN</b>	Metropolitan Area Network	<b>RIP</b>	Routing Information Protocol
<b>MAP</b>	Manufacturer's Automation Protocol	<b>RISC</b>	Reduced Instruction Set Computing
<b>MAP</b>	Media Access Protocol	<b>ROM</b>	Read-Only Memory
<b>MAU</b>	Multistation Access Unit (Token ring)	<b>RSVP</b>	Resource Reservation Protocol
<b>Mbps</b>	Million Bits per Second	<b>RTP</b>	Real-Time Protocol
<b>MC</b>	Multipoint Controller	<b>RTCP</b>	Real-Time Control Protocol
<b>MCU</b>	Master Control Unit	<b>SDLC</b>	Synchronous Data Link Control
<b>MCU</b>	Multipoint Control Unit	<b>SMDR</b>	Station Message Detail Recording
<b>MF</b>	Multi-Frequency	<b>SMTP</b>	Simple Message Transfer Protocol
<b>Mips</b>	Millions of Instructions per Second	<b>SNA</b>	Systems Network Architecture
<b>MMG</b>	Magnetic Materials Group	<b>SNMP</b>	Simple Network Management Protocol
<b>MP</b>	Multipoint Processor	<b>SONET</b>	Synchronous Optical Network
<b>MPLS</b>	Multi-Protocol Label Switching	<b>SQL</b>	Structured Query Language
<b>MPOA</b>	Multi-Protocol over ATM	<b>SS7</b>	Signaling System 7
<b>MTBF</b>	Mean Time between Failure	<b>STDM</b>	Statistical Time Division Multiplexing
<b>NCC</b>	Network Control Center	<b>STP</b>	Shielded Twisted Pair
<b>NCP</b>	Network Control Point	<b>SVC</b>	Switched Virtual Circuit
<b>NetBIOS</b>	Network Basic Input/Output System	<b>TCP/IP</b>	Transmission Control Protocol/Internet Protocol
<b>N-ISDN</b>	Narrowband ISDN	<b>TDM</b>	Time Division Multiplexing
<b>NOC</b>	Network Operations Center	<b>THD</b>	Total Harmonic Distortion
<b>NOS</b>	Network operating System	<b>UDP</b>	User Datagram Protocol
<b>NREN</b>	National Research and Engineering Network	<b>URL</b>	Uniform Resource Locator
<b>OC-1</b>	Optical Carrier, Level 1 (51.84 Mbps)	<b>UTP</b>	Unshielded Twisted Pair
<b>OC-3</b>	Optical Carrier, Level 3 (155.52 Mbps)	<b>VAD</b>	Value-Added Dealer
<b>OPX</b>	Off premises Extension	<b>VAN</b>	Value-Added Network
<b>OSI</b>	Open Systems Interconnection	<b>VAR</b>	Value-Added Reseller
<b>PAD</b>	Packet Assembler/Disassembler	<b>VC</b>	Virtual Circuit
<b>PAM</b>	Pulse Amplitude Modulation	<b>VDSL</b>	Very high data rate Digital Subscriber Line
<b>PBX</b>	Private Branch Exchange	<b>VF</b>	Voice Frequency
<b>PCM</b>	Pulse Code Modulation	<b>VLAN</b>	Virtual Local Area Network
<b>PCN</b>	Personal Communications Network	<b>VoIP</b>	Voice Over Internet Protocol
<b>PCS</b>	Personal Communications Services	<b>VPN</b>	Virtual Private Network
<b>PIN</b>	Personal Identification Number	<b>VRU</b>	Voice Response Unit
<b>POP</b>	Point of Presence	<b>VSAT</b>	Very Small Aperture Terminal
<b>POS</b>	Packet over SONET	<b>VTAM</b>	Virtual Telecommunications Access Method
<b>POTS</b>	Plain Old Telephone Service	<b>WAM</b>	Wide Area Network
<b>PPP</b>	Point-to-Point Protocol	<b>WDM</b>	Wavelength Division Multiplexing
<b>PRI</b>	Primary Rate Interface	<b>xDSL</b>	Digital Subscriber Line